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Career Opportunities

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Job #: 3491
Job Title: Simulink Engine and Real Time Workshop Developer
Location: Natick MA, US
% Travel: None to Minimal
Area of Interest: Software Development-All

Job Summary

Work on the core simulation and code generation infrastructure of Simulink and Real Time Workshop. Develop innovative algorithms (involving numerical computation and graph analysis) in C/C++ to add new block diagram modeling, simulation and code generation capabilities to Simulink and Real Time Workshop.

Responsibilities

As a team member of highly skilled engineers, you will be enhancing core Simulink simulation engine and Real-Time Workshop code generation technology.

In this position, you will program new components for one or both of these products. The types of projects include enhancing Simulink solver technology to simulate new classes of hybrid dynamic systems, or adding new fundamental block diagram modeling capabilities. Our team is also responsible for extending these features to our automatic code generator that creates deployable and/or real-time code for embedded applications from block diagram models.

Come help us revolutionize the way complex hybrid dynamic systems are built.

Qualifications

The ideal candidate will have strong C/C++ algorithmic programming skills and appreciation for engineering applications (such as controls, applied math, etc.) along with a MS and 3 years of experience or BS with 5 years of experience in engineering, computer science, or equivalent.

Experience in hybrid dynamic system simulation and knowledge of Simulink is a plus.

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\$Revision: 1.17 \$ * \$RCSfile: fcncallgen.c,v \$ * * Abstract ...
 ... time). * * Authors: * Pete Szpak, 29 Jul 1998 * **Mojdeh Shakeri**, 29 Oct 1999 * *
 Copyright 1990-2001 The MathWorks, Inc. */ #define ...
 sepp.inf.ethz.ch/redhat-6.2-i386.SEPP/matlab-6.1r12.1-pb/simulink/src/fcncallgen.c - 6k -
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